## ASSIGNMENT-105

## SPRO-BCS-123 SYEDA NOR KEURA NAGOT Group IV

⇒ SI "singhine state every sunshine"

⇒ Sa "brown fox jump high, brown fox run"

⇒ S3 " sunshine state fox run fast"

Dictionary of vocabulary = { 'brown', 'erjoy', 'fast', 'fax', 'high', 'jump', 'run', 'state',

(sunshine)

Bug of words										
-0			Cark	Fox	high	Jump	רשיר	state	sunshine	Total
61	plown	600	last.		0	0	0		ລ	4
751	2	0	0	ລ		١	1	0	0	, <del>†</del>
53	. 0	0	1	; 1	0	٥	1.	1	. 1	5

Vector S1: [0 1 0 0 0 0 0 12] Vector S2: [2 0 0 2 1 1 1 0 0] Vector S3: [0 0 1 1 0 0 1 1]

## Term Frequency

TF	biown	enjay	Fast	for	high	Jamb .	100	slate	Sonshine
Si	0	0.350	0	0	0	0	0	0.920	0.500
Sa	0.286	٥	0	0.386	0.143	0.143	0.143	٥	0
S <sub>3</sub>	0	. 0	0.200	0 300	0	0	0.900	0 200	0.900

## = log(nomber of documents /no of documents with term)

idt	brown	eripy	Gent	fox			7047)		sunstrue
	0.477	0477	0.477	6.176	0.477	0.477	0.176	0.176	0.176

Vector S1 . [0 1 0 0 0 0 0 1 2]